

FIG.1

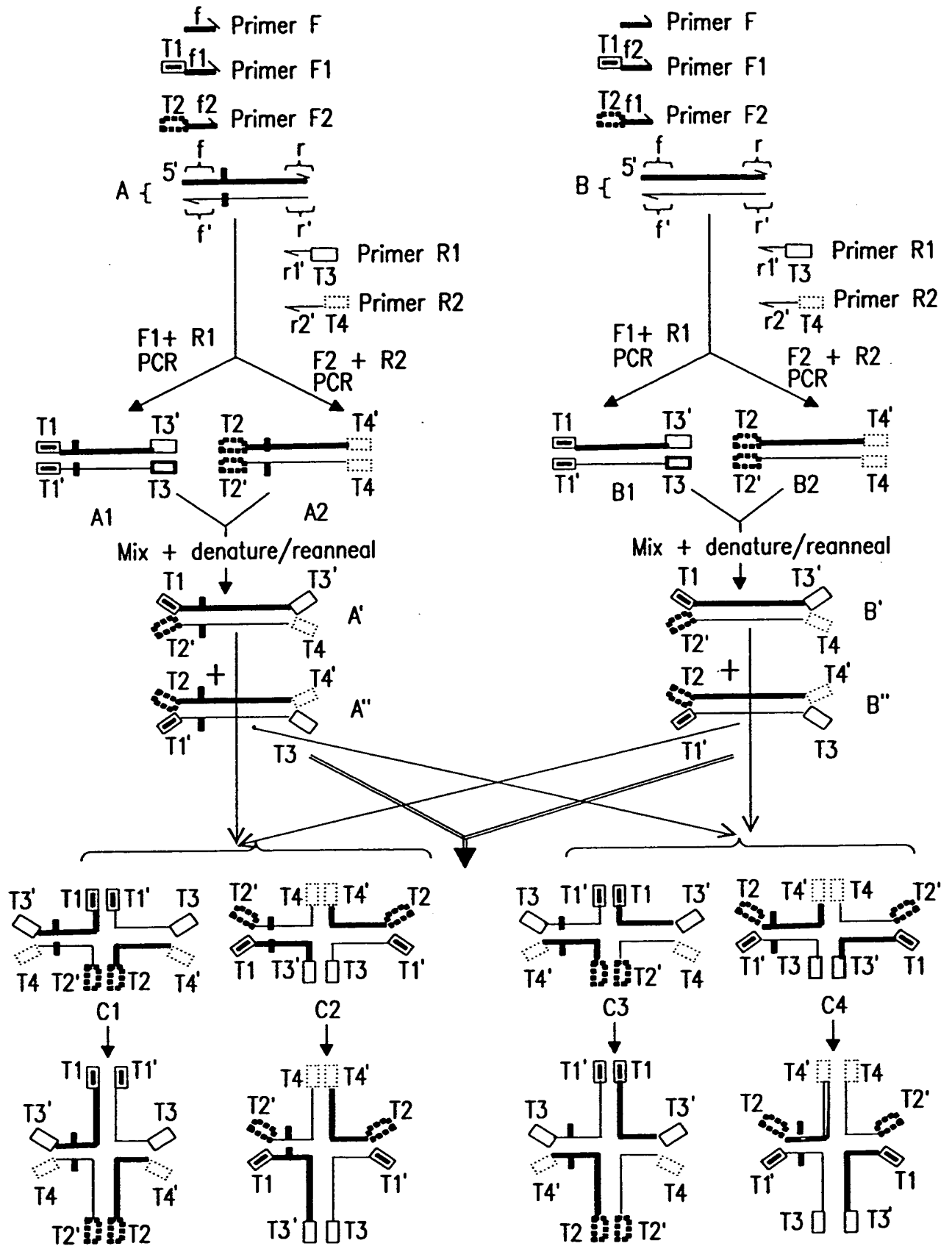


FIG.2

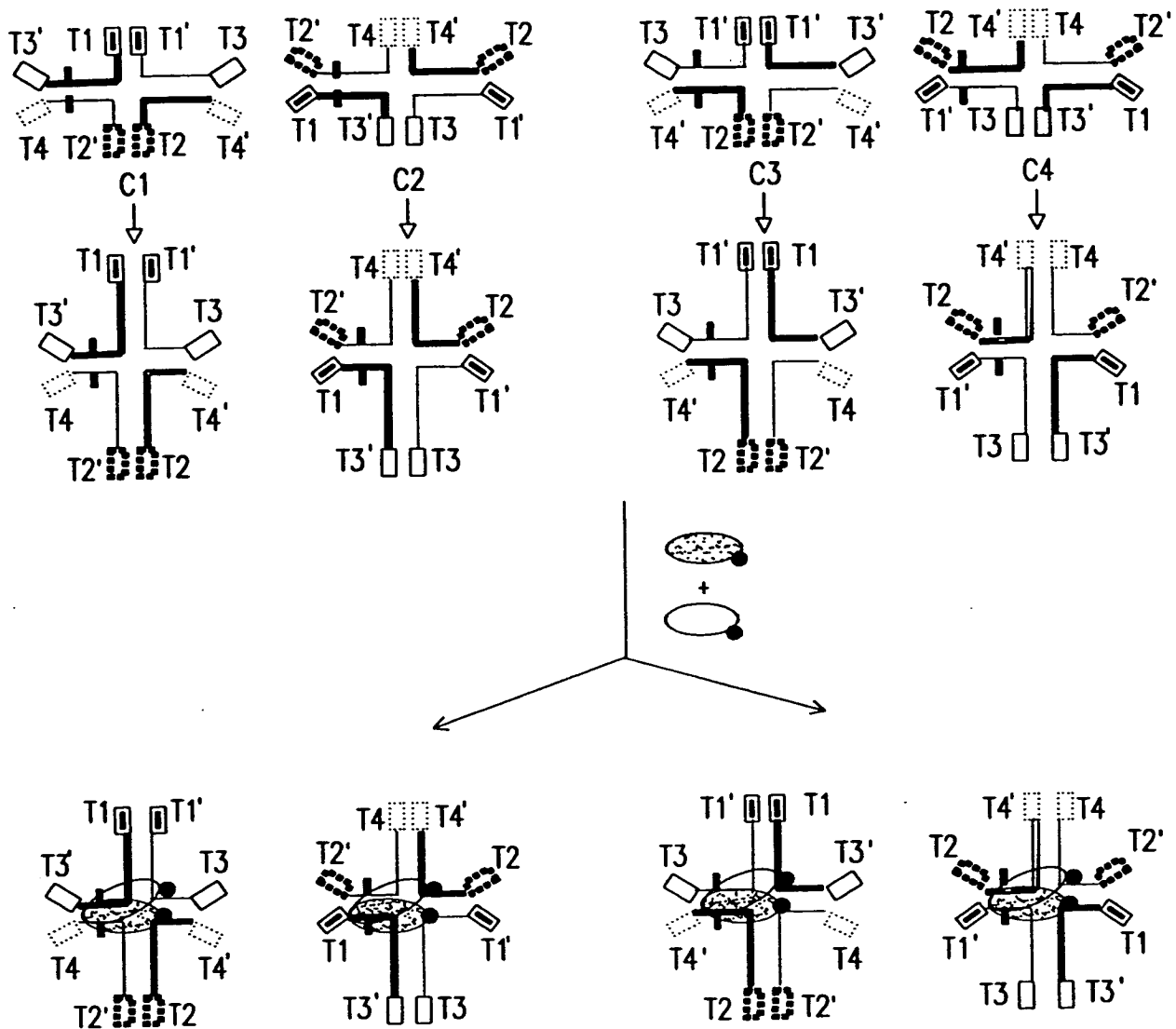


FIG.3

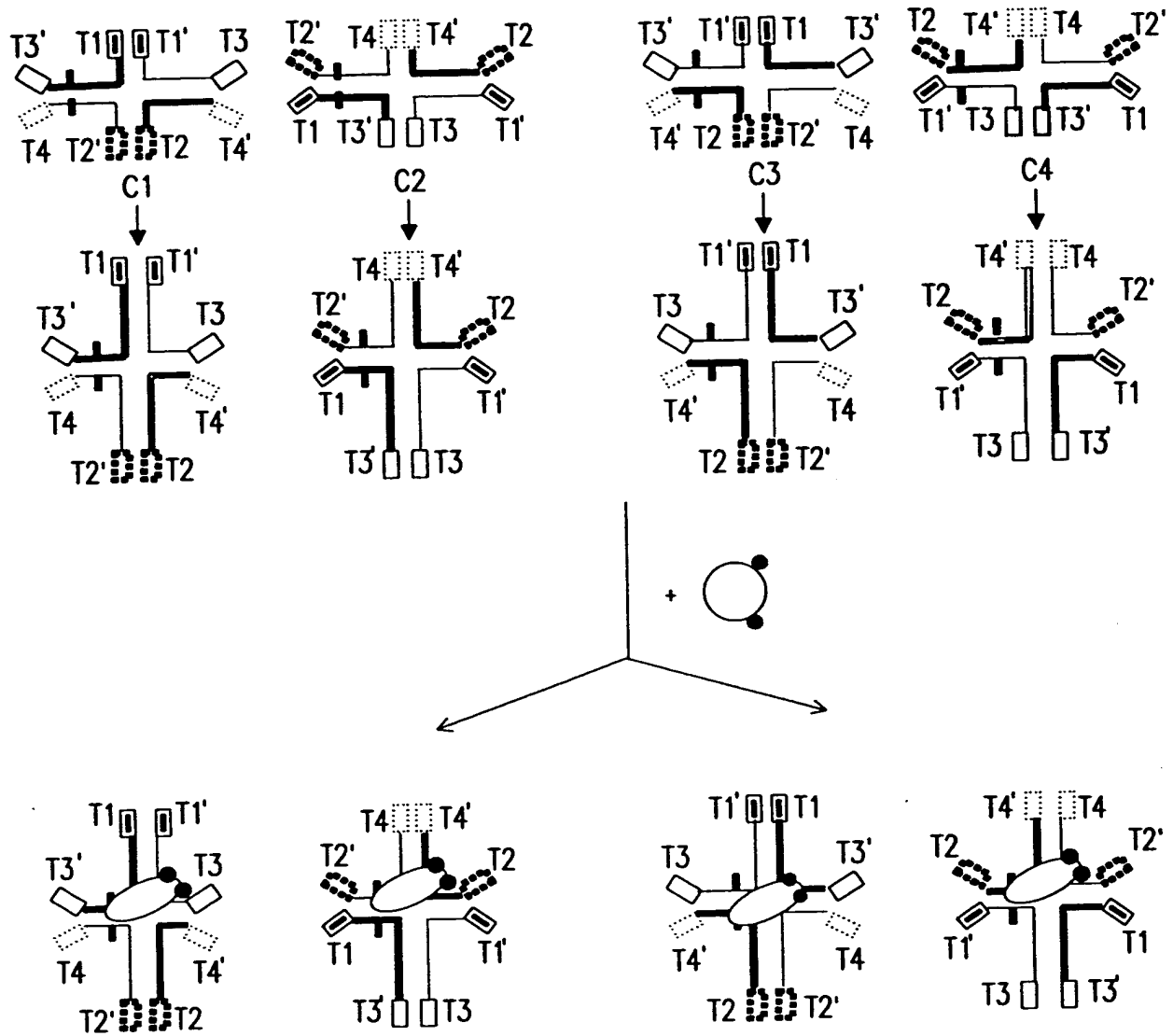


FIG.4

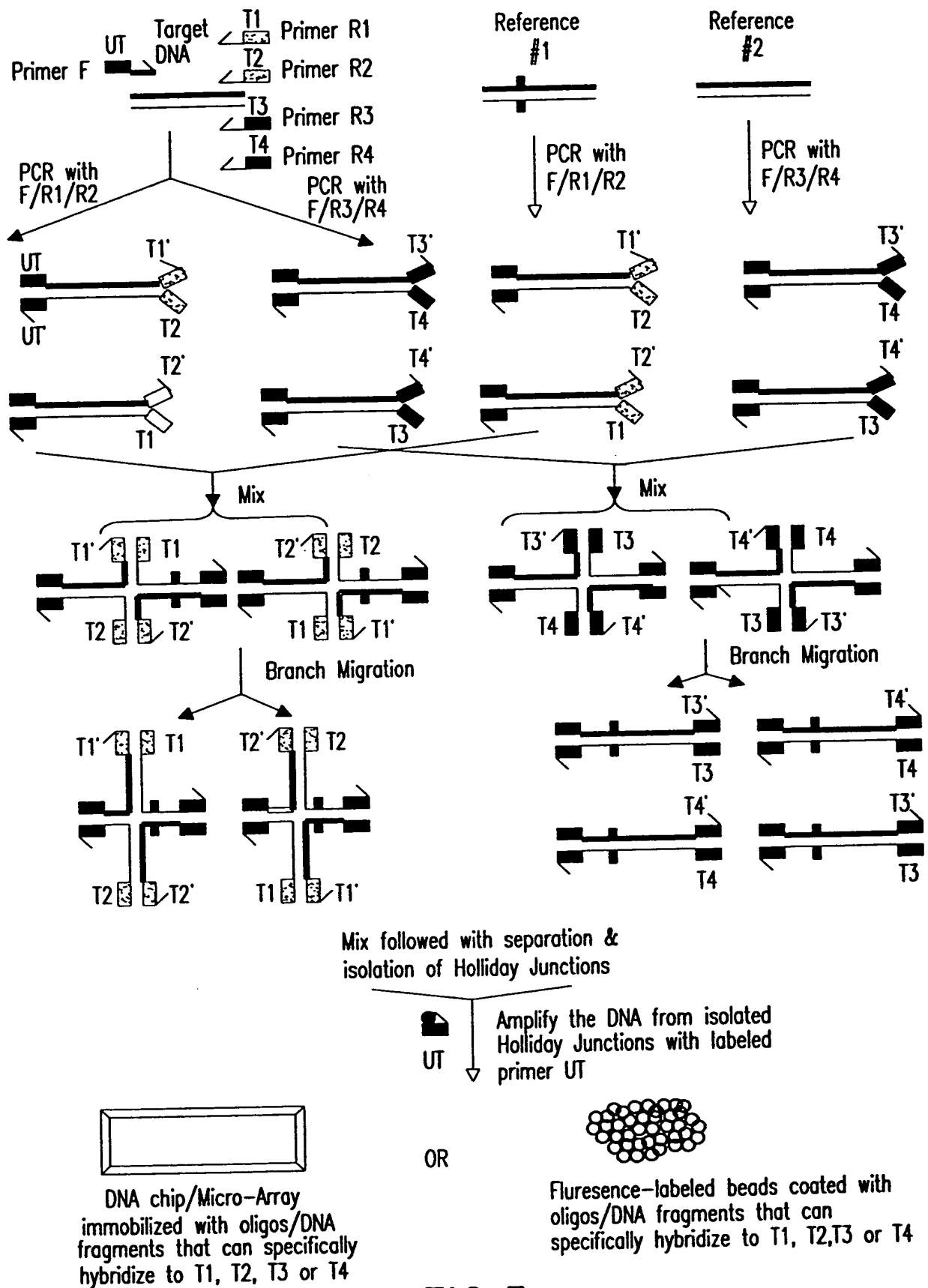


FIG.5

There is no difference between DNA fragment A and B

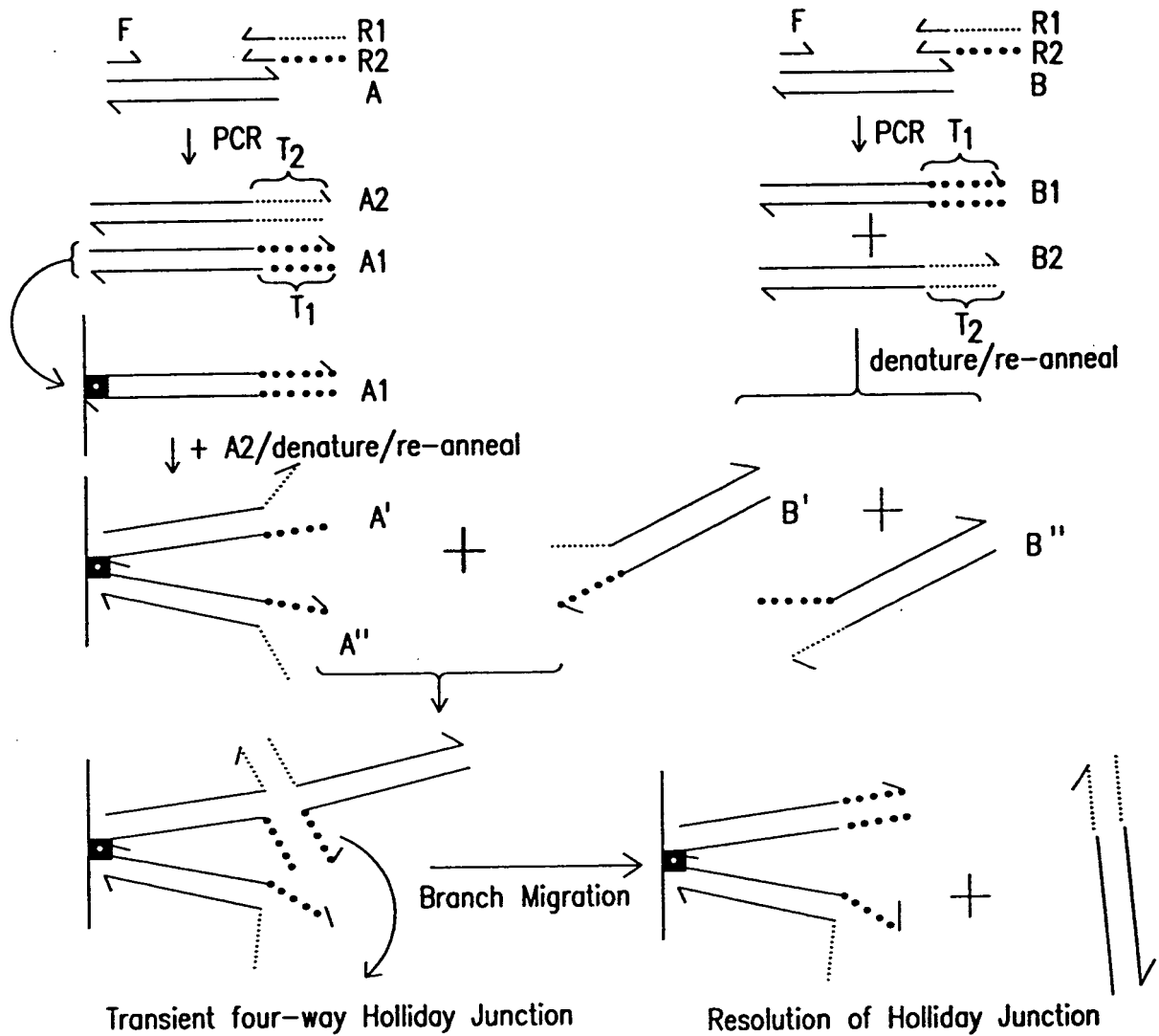


FIG.6A

There is a difference between DNA fragment A and B

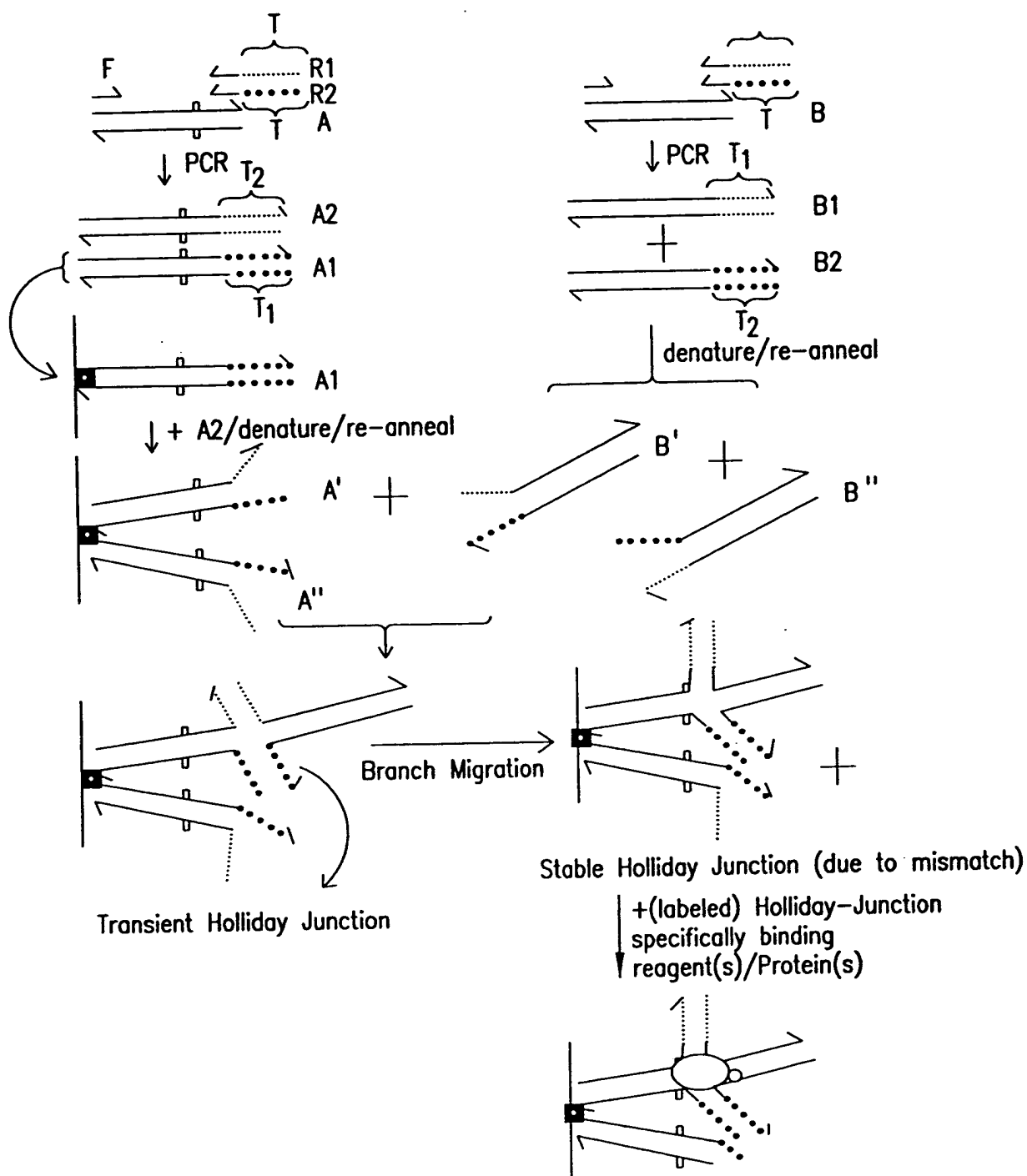
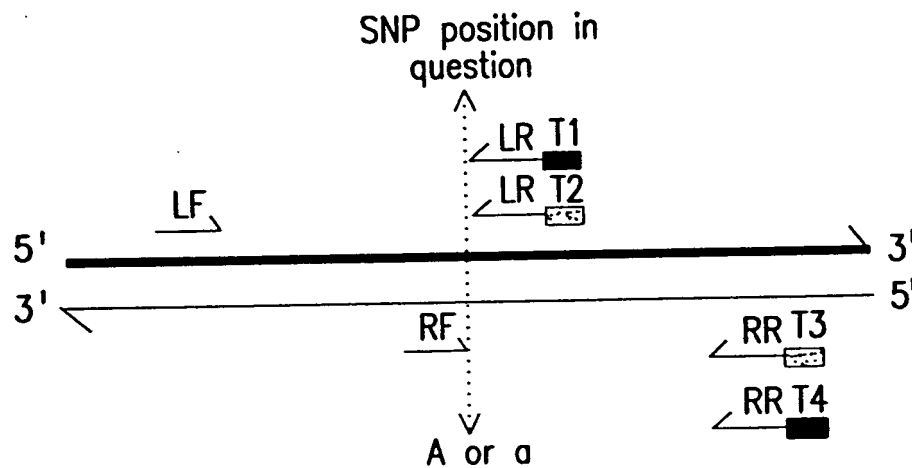


FIG.6B

For each SNP position in question, two versions exist (bi-allelic): either A or a.

Two sets of primers:

- 1st set of primers: LF/LR1/LR2
- 2nd set of primers: RF/RR1/RR2



$T1 \neq T2$, $T3 \neq T4$, $T1/T2 = T3/T4$ or $T1/T2 \neq T3/T4$

FIG.7

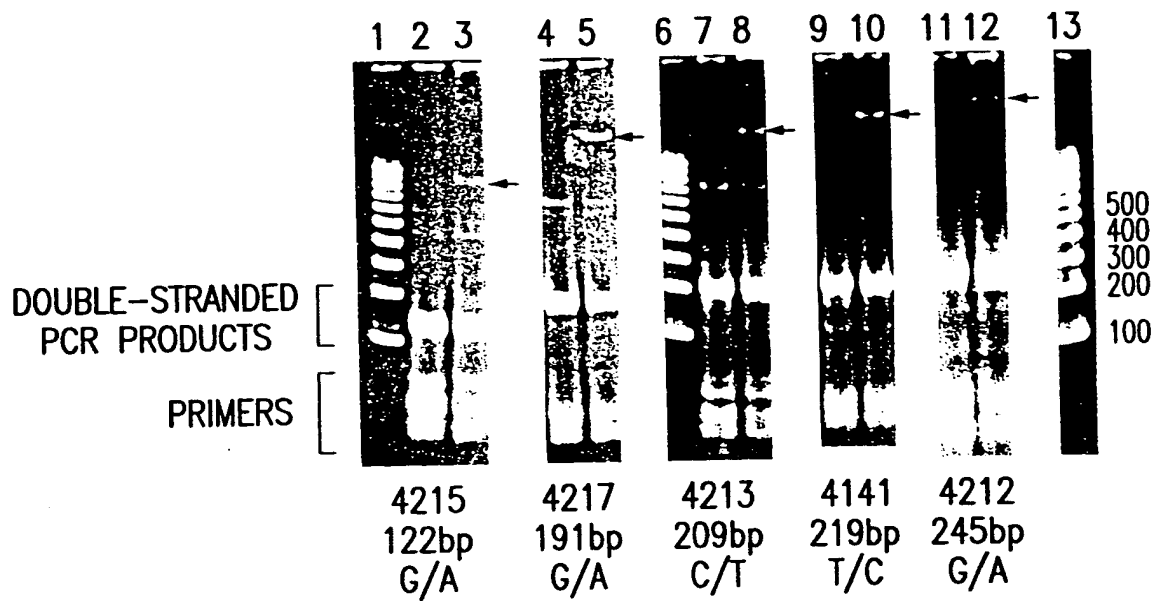


FIG.8A

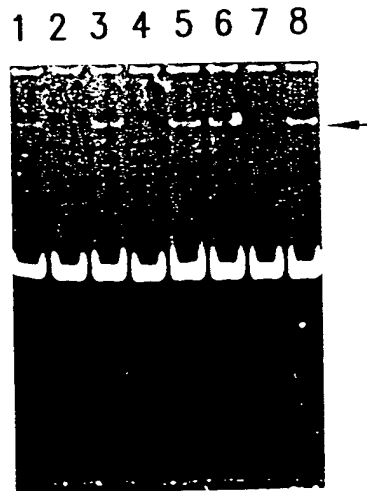


FIG.8B

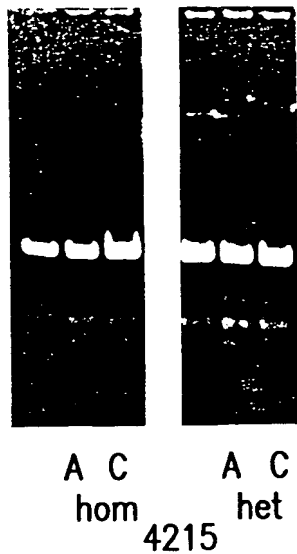
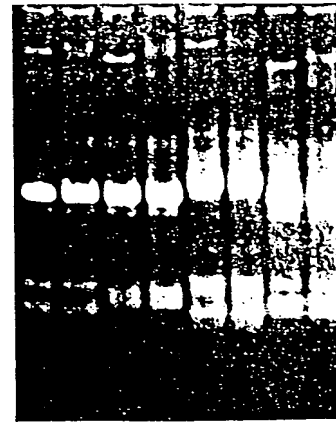


FIG.9A



Ruv A: - + - + - + - +
 3989 4141 4212 4213

FIG.9B

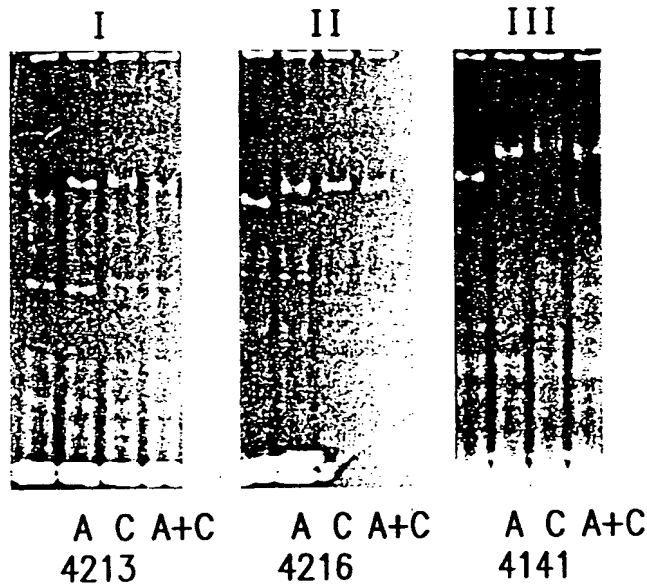


FIG.9C

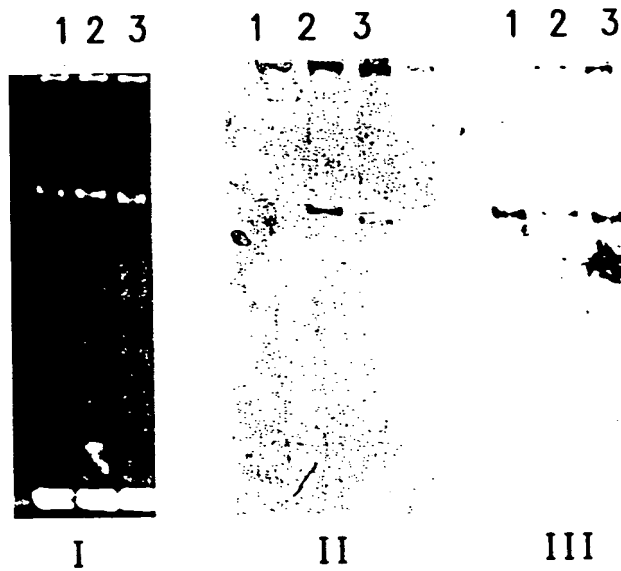


FIG.10